Applicant: BONUTTI, Peter M. Application No.: 10/775,996

Examiner: Hoffman, Mary C.

Amendments to the Claims

Claim 1 (Previously Presented). The implantable device according to claim 30, wherein said

body has a side surface interconnecting said first surface and said second surface.

Claims 2-3 (Canceled).

Claim 4 (Currently Amended). The device of claim [[34]] 30 wherein the bone growth

promoting material includes collagen.

Claim 5 (Original). The device of claim 4 wherein the collagen is in the form of apatite

compositions with collagen.

Claim 6 (Original). The device of claim 4 wherein the bone growth promoting material

includes demineralized bone.

Claim 7 (Original). The device of claim 6 wherein the demineralized bone is a powder.

Claim 8 (Previously Presented). The device of claim 30 wherein the body has an open

cellular structure to provide cavities in which bone can grow through.

Claim 9 (Original). The device of claim 8 wherein the body is made of a biocompatible

metallic material.

Claim 10 (Original). The device of claim 9 wherein the body is made of tantalum.

Claims 11-12 (Canceled).

Claim 13 (Original). The device of claim 8 wherein at least some of the cavities contain a

bone growth promoting material.

Claim 14 (Cancelled).

Claim 15 (Previously Presented). The device of claim 36 wherein said fastener includes a

screw.

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Claims 16-18 (Canceled).

Claim 19 (Previously presented). The device of claim 1 wherein at least a portion of the side

surface has a configuration corresponding to at least a section of an outer side surface of one of the

first and second bones.

Claim 20-29 (Canceled).

Claim 30 (Currently Amended). An implantable device for reversibly changing a spatial

relationship between a first bone and a second bone from a wide position to a narrow position,

comprising:

a first surface abutting the first bone in the wide position and the narrow position;

a second surface abutting the second bone in the wide position and the narrow position; and

a body interconnecting said first surface and said second surface, said body being coated

with a bone growth promoting material;

said first surface maintaining an equal distance from said second surface when moving from

the wide position to the narrow position; and

the implant being connected to only one of the bones.

Claim 31 (Previously Presented). The implantable device according to claim 30, wherein the

implantable device is rotated about an axis to move between the wide position and the narrow

position.

Claim 32 (Previously Presented). The implantable device according to claim 31, wherein the

implantable device does not move longitudinally along said axis when moving from the wide

position to the narrow position.

Claim 33 (Withdrawn). The implantable device according to claim 30, further comprising a

means for changing from the wide position to the narrow position.

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Claim 34 (Canceled).

Claim 35 (Currently Amended). The implantable device according to claim [[34]] 30,

wherein said bone growth promoting material includes a bone morphogenic protein.

Claim 36 (Previously Presented). The implantable device according to claim 30, wherein:

a channel is formed through said first surface and side surface; and

a fastener is disposed in said channel for fixedly connecting said body to the first bone.

Claim 37 (Previously Presented). The implantable device according to claim 36, wherein

said fastener has an end proximate said side surface, said end being nested within said side surface.

Claim 38 (Previously Presented). The implantable device according to claim 36, where said

fastener angularly extends at an acute angle through said side surface to said first surface.

Claim 39 (Previously Presented). The implantable device according to claim 30, wherein

said first surface tapers to form a pointed edge with said second surface.

Claim 40 (Canceled).

Claim 41 (New). An implantable device for reversibly changing a spatial relationship

between a first bone and a second bone from a wide position to a narrow position, comprising:

a first surface abutting the first bone in the wide position and the narrow position;

a second surface abutting the second bone in the wide position and the narrow position; and

a body interconnecting said first surface and said second surface;

said first surface maintaining an equal distance from said second surface when moving from

the wide position to the narrow position; and

the implant being connected to only one of the bones.

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